

# SEQUENCE LISTING

<110> Summers, Anne O.  
Caguiat, Jonathan

<120> Metal Binding Proteins, Recombinant Host Cells and  
Methods

<130> 79-00

<140> unassigned

<141> 2001-10-12

<150> US 60/240,465

<151> 2000-10-12

<160> 18

<170> PatentIn Ver. 2.0

<210> 1

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<212> DNA

<213> *Shigella flexneri*, Tn21 of Plasmid R100

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gccgacttgg cgcgcattgga aaccgtgctg tctgaactcg tgtgcgcctg ccatgcacga 360
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<213> *Shigella flexneri*, Tn21 of Plasmid R100

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Ala Gly Val Asn Val Glu Thr Ile Arg Phe Tyr Gln Arg Lys Gly Leu
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Leu Arg Glu Pro Asp Lys Pro Tyr Gly Ser Ile Arg Arg Tyr Gly Glu
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Ala Asp Val Val Arg Val Lys Phe Val Lys Ser Ala Gln Arg Leu Gly
      50             55             60
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Phe Ser Leu Asp Glu Ile Ala Glu Leu Leu Arg Leu Asp Asp Gly Thr
      65             70             75             80
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His Cys Glu Glu Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val  
85 90 95

Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu  
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Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Leu  
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gcacgaaagg ggaatgtttc ctgcccgttg atcgcgtcac tacagggtac ctcaggcacc 180  
cactgcgagg aggcacgcag cctggccgaa cacaagctca aggacgtgcg cgagaagatg 240  
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Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys  
35 40 45  
Pro Leu Ile Ala Ser Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu  
50 55 60  
Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met  
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala  
85 90 95

Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Ser Ala Trp Ser His  
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Pro Gln Phe Glu Lys  
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<223> Description of Artificial Sequence: chelon

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Asp Val Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu  
20 25 30

Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys  
35 40 45

Pro Leu Ile Ala Ser Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu  
50 55 60

Val Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met  
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala  
85 90 95

Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Ser Ala Trp Ser His  
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Pro Gln Phe Glu Lys  
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<223> Description of Artificial Sequence: chelon

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